

PATENT CLAIMS

1. A product made of cellulose wadding with a grammage of about 20 to 80 g/m² comprising an embossed ply made of créped cellulose wadding of 10 to 40 g/m² having patterns in relief consisting at least partly of discrete protrusions facing toward the inside of the structure, and at least one unembossed ply, characterized in that the embossed ply has, over at least a portion of its area, at least 30 protrusions per cm², the area at the top of which is less than 1 mm² and preferably less than 0.7 mm², the two plies having different grammages and/or different fiber compositions.
2. The product as claimed in the preceding claim, characterized in that the grammages of the two plies differ by at least 5%.
3. The product as claimed in the preceding claim, characterized in that the grammages differ by 5 to 30%.
4. The product as claimed in one of claims 1 to 3, characterized in that the grammage of the embossed ply is between 15 and 20 g/m² and that of the unembossed ply is between 21 and 25 g/m².
5. The product as claimed in one of claims 1 to 3, characterized in that the grammage of the embossed ply is between 21 and 25 g/m² and that of the unembossed ply is between 15 and 20 g/m².
6. The product as claimed in one of the preceding claims, characterized in that the fiber compositions differ so that one of the plies has greater resistance to tearing than the other.

7. The product as claimed in claim 6, characterized in that the strongest ply is the embossed ply.
8. The product as claimed in one of the preceding claims, characterized in that the embossed ply has, over at least 30% and preferably at least 50% of the total area, at least 30 protrusions per cm².
9. The product as claimed in one of the preceding claims, characterized in that the number of protrusions is at least 50 per cm², and their area at the top is less than or equal to 0.4 mm².
10. The product as claimed in one of the preceding claims, characterized in that it has a second pattern of embossed protrusions between said portions of area.
11. The product as claimed in one of the preceding claims, characterized in that the plies are associated with one another.
12. The product as claimed in the preceding claim, characterized in that the plies are associated by connecting the distal surfaces of at least some of the protrusions of the embossed ply to said unembossed ply.
13. The product as claimed in claims 10 and 12, characterized in that the connection is obtained by bonding the protrusions of the second pattern, at least in part.
14. The product as claimed in one of claims 10 to 13, characterized in that it comprises a second unembossed ply.

ABSTRACT

The product made of cellulose wadding, according to the invention, with a grammage of about 20 to 80 g/m² comprising an embossed ply of 10 to 40 g/m² having patterns in relief consisting at least partly of discrete protrusions facing toward the inside of the structure, and an unembossed ply, is characterized in that the embossed ply has, over at least a portion of its area, at least 30 protrusions per cm², the area at the top of which is less than 1 mm² and preferably less than 0.7 mm², and in that the grammage of the embossed ply is lower than that of the unembossed ply. As a preference, it is from 5 to 30% lower.

Figure 1.